

FIGURE 81

</usr/seqdb2/sst/DNA/Dnaseqs.min/ss.DNA52187

<subunit 1 of 1, 146 aa, 1 stop

<MW: 16430, pI: 5.05, NX(S/T): 1

MLLALVCLLSCLLPSSSEAKLYGRCELARVLHDFGLDGYRGYSLADWVCLAYFTSGFNAAALD
YEADGSTNNGIFQINSRRWCSNLTNPVNPVCRMVCSDLLNPNLKDTVICAMKITQEPQGLGY
WEAWRHHCQGKDLTEWVDGCD

Important features:

Signal peptide:

amino acids 1-18

N-myristoylation site.

amino acids 67-72

Homologous region to Alpha-lactalbumin / lysozyme C proteins.

amino acids 34-58 (catalytic domain), 111-132 and 66-107

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FIGURE 82

AGCCGCTGCCCCGGGCCGGGCGCCCGCGGCGGCACCATGAGTCCCGCTCGTGCTGCGTTTC
GCTGCGCTCTCTCGTCTTCGCCGCTCTTCTCAGCCGCGCGAGCAACTGGCTGTACCTGGCCA
AGCTGTCGTGCGGTGGGAGCATCTCAGAGGAGGAGACGTGCGAGAAACTCAAGGGCCTGATC
CAGAGGCAGGTGCAGATGTGCAAGCGGAACCTGGAAGTCATGGAAGTCCGTGCGCCGCGGTGC
CCAGCTGGCCATTGAGGAGTGCCAGTACCAGTTCGGAACCGGCGCTGGAAGTCTCCACAC
TCGACTCCTTGCCCGCTCTTCGGCAAGGTGGTGACGCAAGGGACTCGGGAGGCGGCTTCGTG
TAGCCCATCTCTTCGGCAGGTGTGGCCTTTGCAGTGACGCGGCGTGCAGCAGTGGGGAGCT
GGAGAAGTGGCGCTGTGACAGGACAGTGCATGGGGTGCAGCCACAGGGCTTCAGTGGTTCAG
GATGCTCTGACAAACATCGCTACGGTGTGGCCTTCTCAGTTCGTTTGTGGATGTGCGGGAG
AGAAGCAAGGGGGCTCTGTCAGCAGAGCCCTCATGAACCTCCACAACAATGAGGCGGGCAG
GAAGGCCATCTGCACACATGCGGGTGGAAATGCAAGTGCCACGGGGTGTGAGGCTCTGTG
AGGTAAGACGTGCTGGCGAGCCGTGCCGCCCTTCCGCCAGGTGGGTACGCACTGAAGGAG
AAGTTTATGAGTGGTCCACTGAGGTGGAGCCACGCCGCTGGGCTCTCCAGGGCACTGGTACC
ACGCAACGCACAGTTCAAGCCGCACACAGATGAGGACCTGGTGTACTTGGAGCCTAGCCCCG
ACTTCTGTGAGCAGGACATGCGCAGCGCGCTGTGGGACGAGGGGCCGACATGCAACAAG
ACGTCCAAGGCCATCGACGGCTGTGAGCTGCTGTGCTGTGGCCGCGGCTTCCACACGGCGCA
GGTGGAGCTGGCTGAACGCTGCAGCTGCAAATTCAGTGGTGTGCTGCTTCGTCAAGTGGCGGC
AGTGCCAGCGGCTCGTGGAGTTGCACACGTGCCGATGAACCGCCTGCTAGCCCTGCGCCGGC
AACCACCTAGTGGCCAGGGAAGGCCGATAATTTAAACAGTCTCCACCACCTACCCCAAGA
GATACTGGTTGTATTTTTTGTCTGGTTTGGTTTTTGGGTCCTCATGTTATTTATTGCGGAA
ACCAGGCAGGCAACCCCAAGGGCACCAACCAGGGCCTCCCAAGCCTGGGCTTTTGTGGCT
GCCACTGACCAAAGGGACCTTGCTCGTGCCGCTGGCTGCCCGCATGTGGCTGCCACTGACCA
CTCAGTTGTTATCTGTGTCGGTTTTTCTACTTGACAGCTAAGGTGGAGTAACAGGAGTAT
TACCACCACATGGCTACTGACCGTGTCTATCGGGGAAGAGGGGCTTATGGCAGGGAAATA
GGTACCGACTTGATGGAAAGTCACACCTCTGTGAAAAAAGAACTCTTAACTCTCCAGCACACA
TACACATGGACTCCTGGCAGCTTGAGCCTAGAAGCCATGTCTCTCAAATGCCCTGAGAAAGG
GAACAAGCAGATACAGGTCAAGGGCACCAGGTTCAATTCAGCCCTTACATGGACAGCTAGA
GGTTCGATATCTGTGGTCTCTTCCAGGCAAGAAGAGGGAGATGAGAGCAAGAGACGACTGAA
GTCCACCCTAGAACCCAGCCTTGCCCGAGCTGCCCTGGGAAGAGGAACTTAACCACTCC
CCAGACCCACCTAGGCAGGCATATAGGCTGCCATCTCTGGACCAAGGATCCCGGCTGTGCCCTT
TGCAGTCATGCCCCAGTCACTTTTCACAGCGCTGTTCTCCTATGAAACTGAAAAACACACAC
ACCTGCGAGA
GAGAGGGAGGAAAGGGCTGTGCCTTTGCAGTCATGCCGAGTCACCTTTACACAGCACTGTTCTCT

09073265.43454

FIGURE 83

</usr/seqdb2/sst/DNA/Dnaseqs.min/ss.DNA48328
<subunit 1 of 1, 351 aa, 1 stop
<MW: 39052, pI: 8.97, NX(S/T): 2
MSPRSCLRSLRLLVFAVFSAAASNWLYLAKLSSVGSISEEETCEKLKGLIQRQVQMCKRNLE
VMDSVRRGAQLAIEECQYQFRNRRWNCSTLDSLVPFGKVVTQGTREAAFVYAISSAGVAFV
TRACSSGELEKCGCDRTVHGVSPQGFQWSGCSDNIAYGVAFSQSFVDVRERSKGASSSRALM
NLHNNEAGRKAILTHMRVECKCHGVSGSCEVKTWRAVPPFRQVGHALKEKFDGATEVEPRR
VGSSRALVPRNAQFKPHTEDELVYLEPSPDFCEQDMRSGVLGTRGRTCNKTSKAIDGCELLC
CGRGFHTAQVELAERCSCCKFWCCFVKCRQCQRLVELHTCR

Important features:

Signal peptide:

amino acids 1-22

N-glycosylation sites.

amino acids 88-91 and 297-300

Wnt-1 family signature.

amino acids 206-215

Homologous region to Wnt-1 family proteins

amino acids 183-235, 305-350, 97-138, 53-92 and 150 -174

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